

Fact Sheet



For Draft/Proposed Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-08100078-2011**
Application Received: **October 5, 2010**
Plant Identification Number: **081-00078**
Permittee: **Marfork Coal Company**
Facility Name: **Marfork Preparation Plant**
Mailing Address: **P.O. Box 457, Whitesville, WV 25209**

Revised: *N/A*

Physical Location: Pettus, Raleigh County, West Virginia
UTM Coordinates: 453.70 km Easting • 4199.70 km Northing • Zone 17
Directions: Traveling south on WV State Route 3, pass through Whitesville, drive approximately two (2) miles, turn left onto County Route 3/1, and the plant is located approximately 1.1 miles east

Facility Description

The Marfork Coal Preparation Plant (SIC Code - 1221) has the ability to screen, crush/size, wash, store and load in/out coal. The maximum capacity of the preparation plant is 2,400 tons per hour and 20,220,000 tons per year raw coal input. The facility has the potential to operate seven (7) days per week, twenty four (24) hours per day and fifty-two (52) weeks per year.

Emissions Summary

Plantwide Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions	2010 Actual Emissions
Particulate Matter (PM ₁₀) <i>PM₁₀ is a component of TSP.</i>	591.51	77.06
Total Particulate Matter (TSP)	1257.02	163.76
Hazardous Air Pollutants	Potential Emissions	2010 Actual Emissions
N/A		

The Potential Emissions of PM₁₀ and TSP in the Table above were recalculated by eliminating the fugitive emissions in accordance with 45CSR§30-2.26.b.

Title V Program Applicability Basis

This facility has the potential to emit 591.51 tons per year of PM₁₀. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Marfork Coal Company is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR5	Coal Preparation Plant.
	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	Construction Permits.
	45CSR16	New Source Performance Standards.
	WV Code § 22-5-4(a)(14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR30	Operating permit requirement.
	40 C.F.R. Part 60, Subpart Y	Standard of Performance for Coal Preparation Plants.
	40 C.F.R. Part 61	Asbestos inspection and removal.
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances.
State Only:	45CSR4	No objectionable odors.
	45CSR42	Greenhouse Gas Emissions Inventory Program.

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-1967C	March 14, 2005	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

Determinations and Justifications

This is a second permit renewal for this facility. The following changes have occurred since the most recent permit was issued:

Title V Boilerplate changes:

A new Section 1.2 Table was added which lists all the active R13, R14, and/or R19 permits and their date(s) of issuance. The underlying authority for any conditions from R13, R14, and/or R19 permits have been changed to cite the original permit number in the Title V permit. These changes will eliminate the need to go through the entire Title V permit to change the R13, R14, and/or R19 permit numbers each time an R13, R14, and/or R19 permit is modified. The only required change will be to the Section 1.2 Table.

Conditions 3.1.1. and 3.1.2. were revised because the language in 45CSR§§6-3.1. and 3.2. changed.

Condition 3.1.3. citation was changed because 45CSR15 was repealed and 40 CFR 61 is now incorporated into 45CSR34.

Condition 3.5.5. was revised to address electronic submittal of the annual certification to the USEPA. The certification shall now only be submitted to the USEPA by e-mail.

Conditions 3.1.35. and 3.5.10. were added to the permit to address greenhouse gas reporting per 45CSR42. All greenhouse gases emitted above the *de minimis* amounts must be reported.

Other changes:

Condition 3.1.31. was determined to be a recordkeeping requirement and was moved to Condition 3.4.7. Condition 3.1.32. was updated, then was determined to be a monitoring requirement and moved to Condition 3.2.3. Condition 3.1.34. was determined to be a notification requirement and was moved to Condition 3.5.11.

40 C.F.R. Part 60, Subpart Y was updated. In accordance with 40 CFR §60.250(b): The provisions in §60.251, §60.252(a), §60.253(a), §60.254(a), §60.255(a), and §60.256(a) of this subpart are applicable to any of the following affected facilities that commenced construction, reconstruction or modification after October 27, 1974, and on or before April 28, 2008: Thermal dryers, pneumatic coal-cleaning equipment (air tables), coal processing and conveying equipment (including breakers and crushers), and coal storage systems, transfer and loading systems.

The facility does not have thermal dryers or pneumatic coal-cleaning equipment, therefore Sections §60.252(a), §60.253(a), and §60.256(a) of the NSPS were not included in the renewal permit. 40 CFR §60.257(a) specifies test method procedures and was included in the renewal permit. 40 CFR §60.258 specifies reporting and recordkeeping requirements for coal preparation and processing plants that commenced construction, reconstruction, or modification after April 28, 2008, which does not apply to this facility.

Condition 3.3.2. of the previous permit cited the general testing requirement of 40 CFR §60.11(b), however the updated NSPS, subpart Y contained specific testing language, therefore this condition was replaced with the updated language.

Greenhouse Gas Permitting

This is a renewal Title V permit and there have been no modifications that would have triggered a PSD permit. In addition, this facility's only emissions are PM, therefore it has been determined that there are no applicable GHG requirements.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

40 CFR 64-Compliance Assurance Monitoring. This is the second permit renewal for this facility. At the time of the first renewal, CAM was determined not to be applicable to the sources at this facility. Therefore, a CAM applicability determination is not required.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: December 12, 2010

Ending Date: January 11, 2011

All written comments should be addressed to the following individual and office:

Bobbie Scroggie
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Bobbie Scroggie
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Division of Air Quality
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Charleston, WV 25304
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